

reviously provided Sequence Listing did not comply with 37 CFR §§ 1.821- 1.825 and that computer readable form was not provided. In response, Applicants enclose herewith a Substitute Sequence Listing, in both computer readable form and in paper form, that is believed to fully conform to the requirements of 37 C.F.R. §§ 1.821 - 1.825. The substitute Sequence Listing is updated, e.g., to recite the U.S. serial number and the U.S. filing date of the instant patent application.

In addition, the specification is amended to insert the pages of the Substitute Sequence Listing, and the specification and claims are also amended in several places to insert sequence identifiers and to conform the sequence identifiers to standard U.S. practice.

Required Declarations

As required under 37 C.F.R. §1.821(f), Applicants' undersigned attorneys hereby state that the information recorded in the enclosed computer readable form is identical to the enclosed paper copy of the Sequence Listing.

As required under 37 C.F.R. §1.825(a), Applicants' undersigned attorneys hereby state that the enclosed substitute Sequence Listing in paper and computer readable form is not believed to include any new matter, and is believed to be fully supported by the pending patent application.

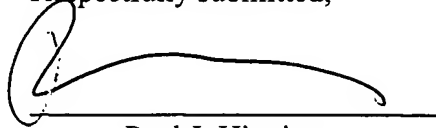
Conclusion

The enclosed Sequence Listing in computer readable form and hard copy is believed to fully conform to 37 C.F.R. §§ 1.821-1.825. If any questions remain, or if any further damage occurs to the enclosed computer readable media, the Examiner or other official is respectfully invited to contact the undersigned in the interest of economy of prosecution. No fee is believed

to be owed for entry of this communication, but if it is determined that a fee is owed, please charge any required fee to Deposit Account No. 50-0518.

Respectfully submitted,

By:

A handwritten signature in black ink, appearing to read 'Paul J. Higgins', written over a horizontal line.

Paul J. Higgins

Steinberg & Raskin, P.C.
1140 Avenue of the Americas
New York, New York 10036
Phone: 212-768-3800
Facsimile No.: (212) 382-2124

Encl.
Substitute Sequence Listing, one page,
1.4 Mb DOS format diskette with the Sequence Listing
Copy of Notification of Missing Requirements